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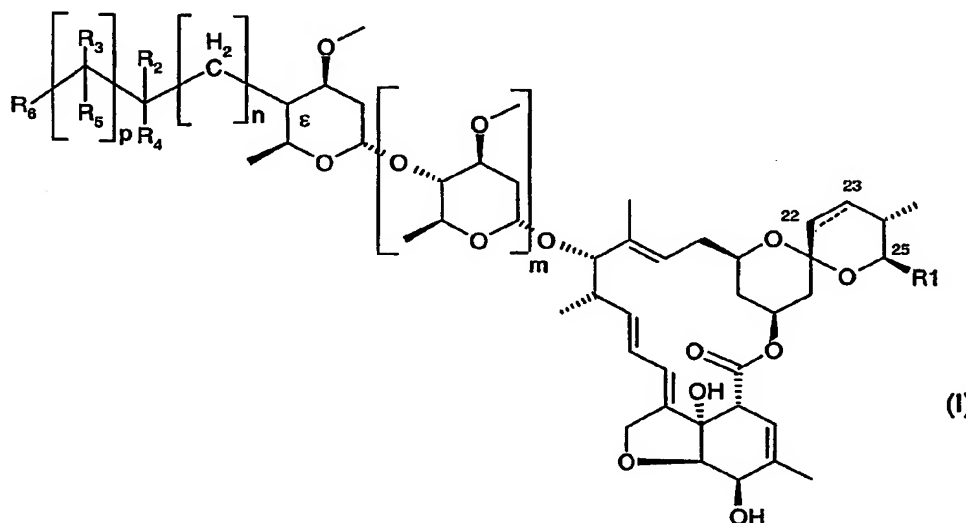
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(54) Title: AVERMECTINS AND AVERMECTIN MONOSACCHARIDES SUBSTITUTED IN THE 4'- AND 4''-POSITION HAVING PESTICIDAL PROPERTIES



(57) Abstract: What is described are a compound of the formula (I) wherein the bond of atoms C<sub>22</sub> and C<sub>23</sub> is a single or double bond; m is 0 or 1; n is 0, 1 or 2; p is 0 or 1; R<sub>1</sub> is C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>3</sub>-C<sub>8</sub>-cycloalkyl or C<sub>2</sub>-C<sub>12</sub>-alkenyl; R<sub>2</sub> is for example H, C<sub>1</sub>-C<sub>12</sub>-alkyl, C<sub>1</sub>-C<sub>12</sub>-haloalkyl or C<sub>1</sub>-C<sub>12</sub>-hydroxyalkyl; or together with R<sub>4</sub> form with the carbon to which they are bound for example a three- to seven-membered ring; R<sub>3</sub> is for example H, C<sub>1</sub>-C<sub>12</sub>-alkyl, halogen, halo-C<sub>1</sub>-C<sub>2</sub>alkyl, CN, NO<sub>2</sub> or C<sub>3</sub>-C<sub>8</sub>cycloalkyl; R<sub>4</sub> has the same meanings as R<sub>2</sub>; R<sub>5</sub> and R<sub>6</sub> independently of each other are for example H, C<sub>1</sub>-C<sub>12</sub>-alkyl, CN, NO<sub>2</sub>, OH, SH, halogen, halo-C<sub>1</sub>-C<sub>2</sub>alkyl or C<sub>3</sub>-C<sub>8</sub>cycloalkyl; or, if appropriate, an E/Z isomer, E/Z isomer mixture and/or tautomer thereof, in each case in free form or in salt form a process for preparing and using these compounds and their tautomers; pesticides whose active compound is selected from these compounds and their tautomers; and a process for preparing these compounds and compositions, and the use of these compounds and compositions.

WO 2004/069853 A1